

	Monday					
7:00 AM	Registration Opens					
7:30 AM						
	Continental Breakfast					
9:00 AM						
	Presentations by Steve Chalk and Truly					
10:30 AM	Break					
11:00 AM						
11:15 AM						
11:30 AM	Presentations by Fossil, Nuclear, and Science					
11:45 AM						
12:00 PM						
	Lunch					
1:15 PM	Hydrogen Production and Delivery Sub-Program Review	DOE	Pete Devlin	Fuel Cells Sub-Program Review	DOE	Patrick Davis
1:20 PM						
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1:45 PM	Ceramic Membrane Reactor Systems for Converting Natural Gas to Hydrogen	Air Products & Chemicals Inc.	Christopher Chen	Integrated Manufacturing for Advanced Membrane Electrode Assemblies	De Nora	Emory DeCastro
1:50 PM						
1:55 PM						
2:00 PM						
2:05 PM	Integrated Ceramic Membrane System for H2 Production	Praxair	Joseph Schwartz	Development of High Temperature Membranes and Improved Cathode Catalysts	UTC	Jeremy Myers
2:10 PM						
2:15 PM						
2:20 PM						
2:25 PM	Low Cost H2 Production Platform	Praxair	Tim Aaron	Advanced MEAs for Enhanced Operating Conditions	3M	Mark Debe
2:30 PM						
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2:45 PM	Defect-free Thin Film Membranes for H2 Separation & Isolation	SNL	Tina Nenoff			
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3:00 PM						
3:05 PM	Break			Break		
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3:35 PM	Dev.of High-Perf., Low-Pt Cathodes Containing New Catalyst & Layer Structures	Superior MicroPowders	Paolina Atanassova			
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3:55 PM	Autothermal Cyclic Reformer-Based H2 Generating and Dispensing System	GE Energy	Ravi Kumar	High-Temperature Membranes	Case Western Reserve University	Tom Zawodzinski
4:00 PM						
4:05 PM						
4:10 PM						
4:15 PM	Development of Supports and Membranes for Hydrogen Separation	ORNL	Tim Armstrong	Electrodes for Hydrogen-Air PEM Fuel Cells	LANL	Francisco Uribe
4:20 PM						
4:25 PM						
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4:35 PM	Solid Oxide Fuel Cells Using Solid Fuels to Produce Distributed Power	Ohio University	David Bayless	High Temperature Membrane	ANL	Debbie Myers
4:40 PM						
4:45 PM						
4:50 PM						
4:55 PM	Maximizing Photosynthetic Efficiencies and H2 Production from Microalgal Cultures	UC Berkeley	Tasios Melis	Development of Polybenzimidazole-based, High-Temperature MEAs	Plug Power	Rhonda Staudt
5:00 PM						
5:05 PM						
5:10 PM						
5:15 PM	Algal Systems for Hydrogen Photoproduction	NREL	Maria Ghirardi	Enabling Commercial PEM Fuel Cells with Breakthrough Lifetime	DuPont Fuel Cells	Jayson Bauman
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	Tuesday					
9:00 AM	Photoelectrochemical Systems for H2 Production	NREL	John Turner	MEA and Stack Durability for PEM Fuel Cells	3M	Mike Hicks
9:05 AM						
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9:20 AM						
9:25 AM	Photoelectrochemical H2 Production	University of Hawaii	Eric Miller	Development of a Low-Cost, Durable Membrane and Membrane Electrode Assembly	Atofina Chemicals	Michel Fouré
9:30 AM						
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9:50 AM	Discovery of Photocatalysts for H2 Production	SRI International	Brent MacQueen	New Electrocatalysts for Fuel Cells	LBNL	Phil Ross
9:55 AM						
10:00 AM						
10:05 AM						
10:10 AM				Low-Platinum Catalysts for Oxygen Reduction at PEM Fuel Cell Cathodes	NRL	Karen Swider-Lyons
10:15 AM	Break				Break	
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10:45 AM	High-Temperature Solid Oxide Electrolyzer System	INEEL	Steve Herring	Low-Platinum Loading Catalysts for Fuel Cells	BNL	Radislav Adzic
10:50 AM						
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11:05 AM						
11:10 AM	Renewable Electrolysis Integrated System Development and Testing	NREL	Ben Kroposki	Transition Metal/Chalcogen Based Cathode Catalysts for PEM Fuel Cells	Ballard	Stephen Campbell
11:15 AM						
11:20 AM						
11:25 AM						
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11:35 AM	Advanced Electrolysis System Based on Titan HM200 Industrial Gas Generator	Teledyne	Steve Cohen	Novel Approach to Non-Precious Metal Catalysts	3M	Radoslav Atanasoski
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12:00 PM	Lunch			Lunch		
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1:15 PM	Evaluation of Solar-Powered Thermo-Chemical Production of Hydrogen from Water	Univ. of Nevada	Ken Schultz	Selection of Non-Precious Metal Catalysts: Molecular Modeling and Durability Studies	U of So. Carolina	Branko Popov
1:20 PM						
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1:40 PM	Core H2A Project	NREL	Maggie Mann	Scale-Up of Carbon/Carbon Composite Bipolar Plates	Porvair Corp.	David Haack
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2:05 PM	HyTrans Transportation Demand and H2 Infrastructure Model	ORNL/ANL	David Greene	Cost-Effective Surface Modification for Metallic Bipolar Plates	ORNL	Peter Tortorelli
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2:30 PM	WinDS-H2 Model and Analysis	NREL	Walter Short	Platinum Recycling Technology Development	Ion Power, Inc.	Stephen Grot
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2:55 PM	Break			Atmospheric Fuel Cell Power System for Transportation	UTC Fuel Cells	Mike Tosca
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3:20 PM	Hydrogen Storage Sub-Program Review	DOE	JoAnn Milliken	Break		
3:25 PM						
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3:50 PM	Low Cost, High Efficiency, High Pressure Hydrogen Storage	Quantum	Neel Sirosh	Advanced High Efficiency Quick Start Fuel Processor for Transportation Applications	Nuvera	Prashant Chintawar
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4:05 PM						



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1:15 PM	Technology Validation Sub-Program Review	DOE	Sig Gronich	Development of a Thermal and Water Management System for PEM Fuel Cells		Honeywell	Chung Liu
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1:45 PM	Power Parks System Simulation	SNL	Andy Lutz	Fuel Cell Temperature Sensor		ORNL	Tim McIntyre
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2:15 PM	Hawaii Hydrogen Power Park	State of Hawaii	Maurice Kaya	Cost and Performance Enhancements for a PEM Fuel Cell System		Honeywell	Mark K. Gee
2:20 PM							
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2:45 PM	DTE Energy Hydrogen Technology Park	DTE Energy	Rob Regan	Dev. and Test of a Toroidal Intersecting Vane Machine (TIVM) Air Management System		Mechanology, LLC	Sterling Bailey
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3:15 PM	Hydrogen from Biomass for Urban Transportation	Clark Atlanta University	Yaw Yeboah	Development of Sensors for Automotive Fuel Cell Systems		UTCFC	Brian Knight
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3:45 PM	Break			Break			
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4:00 PM	Uninterrupted Power Source	Apollo	Robert R. Aronsson				
4:05 PM	UNIGEN® Regenerative Fuel Cell For Uninterruptible Power Supply	Proton	Stephen Porter	Neutron Imaging Study Of the Water Transport Mechanism in a Working Fuel Cell		NIST	Muhammad Arif
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4:35 PM	Controlled H2 Fleet & Infrastructure Analysis	NREL	Keith Wipke	Microstructural Characterization of PEM Fuel Cells		ORNL	Karren More
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5:05 PM	Development of a Turnkey Commercial H2 Fueling Station	Air Products	Mark Wait	Stack Durability on Hydrogen and Reformate		LANL	Rodney Borup
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5:35 PM	Development of a Natural Gas to Hydrogen Fuel Station	GTI	Bill Liss	Direct Methanol Fuel Cells		LANL	Piotr Zelenay
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6:05 PM				Modeling and Control of a Solid Oxide Fuel Cell Auxiliary Power Unit		PNNL	Mo Khaleel
6:10 PM				Bipolar Plate-Supported SOFC		ANL	Deborah Myers
	Thursday						
9:00 AM	Novel H2 Compression and Fueling Apparatus to Meet Vehicle Range Requirements	Air Products	Todd Carlson	Safety and Codes & Standards Sub-Program Review		DOE	Neil Rossmeissl
9:05 AM							
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9:30 AM	Hydrogen Refueling Technology	Hydradix/ SunLine	Lance Anderson	Hydrogen Codes and Standards		NREL	Jim Ohi
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10:00 AM	R&D of a PEM Fuel Cell, Hydrogen Reformer, and Vehicle Refueling Facility	Air Products	Venki Raman	Electrochemical Sensors for PEMFC Vehicles		LLNL	Peter Martin
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10:30 AM	LAX Airport H2 Refueling Facility	Praxair	Aaron Rachlin	Break			

10:35 AM						
10:40 AM	Break			Education Sub-Program Review	DOE	Christy Cooper
10:45 AM						
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11:10 AM	Testing of Hydrogen and Natural Gas Blends in Converted Transit Buses	Collier Technologies	Kirk Collier	Baseline Knowledge Assessment	ORNL	Tykey Truett
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11:35 AM	Fuel Cell-Powered Front-End Loader Mining Vehicle	Vehicle Projects LLC	David Barnes			
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